



US Army Corps
of Engineers
Kansas City District

TUTTLE CREEK DAM

FACT SHEET

April 2001

THE LAKE

Background

Tuttle Creek Lake was authorized by the Flood Control Act of 1938 with construction starting on October 7, 1952 by the U.S. Army Corps of Engineers. Tuttle Creek Lake is the second largest lake in Kansas covering approximately 12,500 acres at multi-purpose pool (el.1075) and can swell to 54,000 acres at full flood pool (el. 1136.0). The lake has approximately 112 miles of shoreline at multi-purpose pool. Water capacity of the lake totals 2,367,000 acre-feet, of which 1,941,700 acre-feet occupies the flood control pool (generally is void of water), 192,300 acre-feet in the multi-purpose pool (generally filled with water), and 233,000 acre-feet reserved for sediment accumulation (filled with sediment and water). An additional 957,200 acre-feet of water storage is available in the surcharge pool for use only in critical flood situations.

The lake sports a viable fishery, substantial acreage for hiking, bird watching, hunting, horseback riding, and other recreational pursuits. There are seven campgrounds and three day use parks offering picnic shelters, picnic tables, camping facilities, and other amenities for the recreating public.

Approximately 50,000 acre-feet of water in the multi-purpose pool is available to be used as water supply to downstream users.

Key Points

- Normal pool elevation of the lake is elevation 1075.0 feet
- The top of the closed spillway gates is 1116.0 feet
- The top of the flood control pool is at elevation 1136.0 feet
- The top of the surcharge pool is at elevation 1151.4 feet
- The top of the dam is at elevation 1159.0 feet
- Maximum pool level actually achieved at Tuttle Creek Lake occurred on July 23, 1993 when the pool reached 1137.77 feet
- The lowest pool level achieved since the pool was originally filled was elevation 1060.82 which occurred on January 4, 1967.

This fact sheet is published by the U.S. Army Corps of Engineers, the lead agency for the Tuttle Creek Dam Safety Assurance Program. Comments or questions about this fact sheet or the Dam Safety Assurance Program should be directed to Bill Empson of the Kansas City District, Corps of Engineers at (816) 983-3556 or by E-mail at tcdam.nwk@usace.army.mil. Questions or comments about lake operations or Tuttle Creek project office activities should be directed to the on-site Operations Manager, Brian McNulty at 785-539-8511. For additional information, visit our web site: <http://www.nwk.usace.army.mil/tcdam>



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